

**Migration Barrier Table: Arroyo El Bulito, Arroyo San Augustin and Cojo Watersheds**

**BARRIER ID**

Primary Stream	Primary Tributary	Secondary Tributary	Tertiary Tributary	Physical Description of Barrier Location
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Ownership / Interest	Barrier Type	Severity
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Stream Miles from Ocean to Downstream End	Stream Miles from Ocean to Upstream End	Total Length of Structure (miles)
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Stream Miles to Natural Upstream Limits	Stream Miles to Next Known 1.0 Severity Barrier	Total Habitat Score to Natural Upstream Limits
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Migration Barrier Priority Ranking
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**Arroyo El Bulito**

BR_AE_1	El Bulito			UPRR Crossing
BR_AE_2	El Bulito			Rancho Real Road Crossing
BR_AE_3	El Bulito			~ Elevation 80'
BR_AE_4	El Bulito			~ Elevation 220'

UPRR	Stone Culvert	0.00
Hollister Ranch	Stream Crossing	0.00
Hollister Ranch	Stream Crossing	0.00
Hollister Ranch	Bedrock Waterfall	1.00

0.06		
0.59		
0.81		
1.48		

1.42	1.42	NA
0.89	0.89	NA
0.67	0.67	NA
NA	NA	NA

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**Arroyo San Augustin**

BR_AS_1	San Augustin			UPRR Crossing
BR_AS_2	San Augustin			100' u/s UPRR Culvert
BR_AS_3	San Augustin			Rancho Real Road Crossing
BR_AS_4	San Augustin			u/s Pescado Ck. Conf.
BR_AS_5	San Augustin			Segundo Road Crossing
BR_AS_6	San Augustin			~ Elevation 560'
BR_AS_PO_1	San Augustin	Pescado		~ Elevation 60
BR_AS_PO_2	San Augustin	Pescado		~ Elevation 360'

UPRR	Stone Culvert	0.00
Hollister Ranch	Dam	1.00
Hollister Ranch	Stream Crossing	0.00
Hollister Ranch	Dam	1.00
Hollister Ranch	Stream Crossing	0.00
Hollister Ranch	Sustained Slope Exceeding 10%	1.00
Hollister Ranch	Stream Crossing	0.00
Hollister Ranch	Sustained Slope Exceeding 10%	1.00

0.06		
0.08		
0.29		
0.32		
1.57		
2.30		
0.40		
1.50		

3.44	0.02	NA
3.42	1.44	NA
3.21	1.23	NA
1.98	1.98	NA
0.73	0.73	NA
NA	NA	NA
1.10	1.10	NA
NA	NA	NA

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2
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**Cojo Creek**

BR_CO_1	Cojo			UPRR Crossing
BR_CO_2	Cojo			~100' u/s of UPRR Culvert
BR_CO_3	Cojo			~ Elevation 290'
BR_CO_4	Cojo			~ Elevation 300'
BR_CO_5	Cojo			~ Elevation 320'
BR_CO_6	Cojo			~ Elevation 360'
BR_CO_7	Cojo			~ Elevation 520'
BR_CO_LO_1	Cojo	La Olla		~ Elevation 720'
BR_CO_CO_1	Cojo	Cementerio		~ Elevation 400'

UPRR	Stone Culvert	0.50
Bixby Ranch	Culvert Stream Crossing	0.90
Hollister Ranch	Stream Crossing	0.90
Hollister Ranch	Stream Crossing	0.90
Hollister Ranch	Stream Crossing	0.90
Hollister Ranch	Stream Crossing	0.90
Hollister Ranch	Sustained Slope Exceeding 10%	1.00
Hollister Ranch	Sustained Slope Exceeding 10%	1.00
Hollister Ranch	Sustained Slope Exceeding 10%	1.00

0.05		
0.09		
2.16		
2.22		
2.37		
2.53		
2.91		
3.53		
2.24		

3.68	3.68	1.92
3.64	3.64	1.90
1.57	1.56	0.75
1.51	1.50	0.71
1.36	1.35	0.63
1.20	1.19	0.53
NA	NA	NA
NA	NA	NA
NA	NA	NA

6
1
2
3
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**Physical Description of Barrier Location:**

- GPS used to input some barrier locations into the GIS Database (available from CCP).
- Barrier location elevations are based on contour line and stream intersections locations derived in the field and using USGS topographical 7.5 minute quad maps. Barriers located using GPS were assigned approximate elevations using USGS 30-meter Digital Elevation Models. Approximate (~) elevations are given in feet (').
- Approximate (~) elevations are given in feet (').
- The lower number and sign(#) refer to most downstream structure with a similar name. For example, "#1 Highway 150 Bridge" refers to the first, or most downstream, of the Highway 150 Bridges encountered by upstream migrating steelhead.
- u/s= upstream -d/s= downstream -Ck.= Creek -Conf.= Confluence

**Migration Barrier Priority Ranking:**

- u=unknown
- n=natural